

-	639	(29/505).CCLS.	USPAT	2003/06/27 18:30
-	1225	(29/428).CCLS.	USPAT	2003/06/27 18:30
-	259	(29/897).CCLS.	USPAT	2003/06/27 18:33
-	228	(29/897.3).CCLS.	USPAT	2003/06/27 18:34
-	172	(29/897.35).CCLS.	USPAT	2003/06/27 18:42
-	132	(29/897.33).CCLS.	USPAT	2003/06/27 18:44
-	200	(29/897.31).CCLS.	USPAT	2003/06/27 18:45
-	118	(29/897.312).CCLS.	USPAT	2003/06/27 18:48
-	544	(403/274).CCLS.	USPAT	2003/06/27 18:49
-	181	(403/279).CCLS.	USPAT	2003/06/27 18:49
-	510	(403/282).CCLS.	USPAT	2003/06/27 18:50
-	239	(403/285).CCLS.	USPAT	2003/06/27 18:50
-	5545	((("D452014").PN.) ((("D343690" "4844420" "5050846").PN.) D452014.URPN. D452014.URPN. ((29/524).CCLS.) ((29/521).CCLS.) ((29/524).CCLS.) ((29/518).CCLS.) ((29/514).CCLS.) ((29/513).CCLS.) ((29/505).CCLS.) ((29/428).CCLS.) ((29/897).CCLS.) ((29/897.3).CCLS.) ((29/897.35).CCLS.) ((29/897.33).CCLS.) ((29/897.31).CCLS.) ((29/897.312).CCLS.) ((403/274).CCLS.) ((403/279).CCLS.) ((403/282).CCLS.) ((403/285).CCLS.)	USPAT	2003/06/27 18:52
-	204	((("D452014").PN.) ((("D343690" "4844420" "5050846").PN.) D452014.URPN. D452014.URPN. ((29/524).CCLS.) ((29/521).CCLS.) ((29/524).CCLS.) ((29/518).CCLS.) ((29/514).CCLS.) ((29/513).CCLS.) ((29/505).CCLS.) ((29/428).CCLS.) ((29/897).CCLS.) ((29/897.3).CCLS.) ((29/897.35).CCLS.) ((29/897.33).CCLS.) ((29/897.31).CCLS.) ((29/897.312).CCLS.) ((403/274).CCLS.) ((403/279).CCLS.) ((403/282).CCLS.) ((403/285).CCLS.)) and crimped	USPAT	2003/06/27 18:52
-	232	((("D452014").PN.) ((("D343690" "4844420" "5050846").PN.) D452014.URPN. D452014.URPN. ((29/524).CCLS.) ((29/521).CCLS.) ((29/524).CCLS.) ((29/518).CCLS.) ((29/514).CCLS.) ((29/513).CCLS.) ((29/505).CCLS.) ((29/428).CCLS.) ((29/897).CCLS.) ((29/897.3).CCLS.) ((29/897.35).CCLS.) ((29/897.33).CCLS.) ((29/897.31).CCLS.) ((29/897.312).CCLS.) ((403/274).CCLS.) ((403/279).CCLS.) ((403/282).CCLS.) ((403/285).CCLS.)) and crimp\$2	USPAT	2003/06/27 18:56
-	839	crimp\$2 and sheet adj metal and bend	USPAT	2003/06/27 19:00
-	16	("D268786" "1895190" "1950223" "2752017" "3319389" "3355206" "3570198" "3848385" "4034531" "4047348" "4222210" "4422272" "4505083" "4542615" "4554718" "4852325").PN.	USPAT	2003/06/28 16:19
-	0	5279033.URPN.	USPAT	2003/06/28 16:20

-	17	("0102441" "0425002" "3335524" "3872633" "3925953" "3967430" "4131980" "4160312" "4161811" "4267679" "4688366" "5074138" "5228257" "5390466" "5424111" "5568714" "5720144").PN.	USPAT	2003/06/28 16:20
-	14	("2457148" "3082850" "3084401" "3160131" "3965632" "3979874" "4206578" "4462198" "4489529" "4679375" "4989387" "5592848" "5839246" "5979055").PN.	USPAT	2003/06/28 16:22
-	1	6041564.URPN.	USPAT	2003/06/28 16:23
-	17	3487518.URPN.	USPAT	2003/06/28 16:23
-	21	3420032.URPN.	USPAT	2003/06/28 16:24
-	4	5442885.URPN.	USPAT	2003/06/28 16:26
-	0	2129624.URPN.	USPAT	2003/06/28 16:26
-	2	2129625.URPN.	USPAT	2003/06/28 16:26
-	5	2115441.URPN.	USPAT	2003/06/28 16:27
-	10	2125692.URPN.	USPAT	2003/06/28 16:29
-	12	("2657153" "2805448" "2850890" "3487518" "3654018" "3753849" "3778949" "3984266" "4019301" "4177306" "4242406" "4327536").PN.	USPAT	2003/06/28 16:32
-	8	4630419.URPN.	USPAT	2003/06/28 16:33
-	15	("1658831" "1818121" "3300839" "3570208" "4070845" "4129974" "4251973" "4576849" "4630419" "4734146" "4937998" "5042395" "5112422" "5152112" "5325647").PN.	USPAT	2003/06/28 16:34
-	3	5507522.URPN.	USPAT	2003/06/28 16:35
-	9	("3164713" "3420032" "3443732" "3694990" "3779444" "3780420" "3840719" "3970232" "4041270").PN.	USPAT	2003/06/28 16:39
-	1	4807797.URPN.	USPAT	2003/06/28 16:39
-	218	(280/800).CCLS.	USPAT	2003/06/28 16:41
-	11	2818272.URPN.	USPAT	2003/06/28 16:49
-	10	2125692.URPN.	USPAT	2003/06/28 17:00
-	172	(29/897.35).CCLS.	USPAT	2003/06/28 17:03
-	178	(105/416).CCLS.	USPAT	2003/06/28 17:06
-	11	2082792.URPN.	USPAT	2003/06/28 17:04
-	283	(52/731.2).CCLS.	USPAT	2003/06/28 17:13
-	9	1997876.URPN.	USPAT	2003/06/28 17:08
-	6	799320.URPN.	USPAT	2003/06/28 17:10
-	12	742549.URPN.	USPAT	2003/06/28 17:11
-	13	Sheet adj metal with rolled adj edges	USPAT	2003/06/28 17:17
-	1	4779313.URPN.	USPAT	2003/06/28 17:14
-	1	4779313.URPN.	USPAT	2003/06/28 17:14

-	12	("2275127" "2425025" "3064724" "3145439" "3202291" "3389526" "3466709" "3809799" "4119285" "4312165" "4424612" "4480360").PN.	USPAT	2003/06/28 17:14
-	94	Sheet adj metal and rolled adj edges	USPAT	2003/06/28 17:20
-	181	Sheet adj metal and roll\$3 adj edges	USPAT	2003/06/28 17:25
-	87	(Sheet adj metal and roll\$3 adj edges) not (Sheet adj metal and rolled adj edges)	USPAT	2003/06/28 17:20
-	18	("0374232" "0758866" "1530074" "1803797" "2321836" "2366529" "2466323" "2549207" "2785836" "3035737" "3279619" "3814293" "3819138" "4114782" "4515334" "4722463" "4928860" "4972973").PN.	USPAT	2003/06/28 17:23
-	9	5238146.URPN.	USPAT	2003/06/28 17:24
-	130	Sheet adj metal and roll\$3 adj seam	USPAT	2003/06/28 17:33
-	14	("0636339" "0657000" "0782141" "1607923" "1706910" "2362846" "2382378" "2412528" "2424188" "3151767" "3152717" "3367533" "3385249" "3618817").PN.	USPAT	2003/06/28 17:27
-	5	3151767.URPN.	USPAT	2003/06/28 17:29
-	8	4055271.URPN.	USPAT	2003/06/28 17:29
-	9	3367533.URPN.	USPAT	2003/06/28 17:32
-	22	(Sheet adj metal and roll\$3 adj seam) and (structural adj member beam)	USPAT	2003/06/28 17:57
-	5	(roll adj seam\$3).ti.	USPAT	2003/06/28 17:58
-	197	roll adj seam\$3	USPAT	2003/06/28 17:58
-	8	("1389900" "2169395" "2197439" "2337452" "2460296" "3160312" "3425381" "3736893").PN.	USPAT	2003/06/28 18:04
-	1	4543025.URPN.	USPAT	2003/06/28 18:04

-	67	(US-4356888-\$ or US-2054703-\$ or US-4133566-\$ or US-3094197-\$ or US-5279033-\$ or US-4554718-\$ or US-2434731-\$ or US-5860265-\$ or US-6205740-\$ or US-6041564-\$ or US-5098011-\$ or US-4129974-\$ or US-RE21921-\$ or US-2185384-\$ or US-2122698-\$ or US-2092472-\$ or US-2098676-\$ or US-1623939-\$ or US-4240765-\$ or US-4185439-\$ or US-6435211-\$ or US-6412519-\$ or US-5688095-\$ or US-5695352-\$ or US-5526628-\$ or US-5454588-\$).did. or (US-5245811-\$ or US-5175975-\$ or US-5027968-\$ or US-5004192-\$ or US-RE33566-\$ or US-4982487-\$ or US-4852325-\$ or US-4483112-\$ or US-4452564-\$ or US-4223503-\$ or US-4193247-\$ or US-4097632-\$ or US-4089145-\$ or US-3355206-\$ or US-5979055-\$ or US-4630419-\$ or US-4434599-\$ or US-5442885-\$ or US-4807797-\$ or US-5881508-\$ or US-5487219-\$ or US-5507522-\$ or US-6299210-\$ or US-2050945-\$ or US-4779313-\$ or US-3916521-\$ or US-5238146-\$).did. or (US-4055271-\$ or US-2412528-\$ or US-4399840-\$ or US-4055133-\$ or US-4948006-\$ or US-4705184-\$ or US-4574607-\$ or US-4543025-\$ or US-4263860-\$ or US-3736893-\$ or US-3425381-\$ or US-3160312-\$ or US-2337452-\$ or US-2169395-\$).did.	USPAT	2003/06/28 18:06
-	11	(US-3487518-\$ or US-3420032-\$ or US-2129624-\$ or US-2129625-\$ or US-2115441-\$ or US-2125692-\$ or US-2818272-\$ or US-1997876-\$ or US-0799320-\$ or US-3367533-\$ or US-3151767-\$).did.	USOCR	2003/06/28 18:06

-	22	((US-4356888-\$ or US-2054703-\$ or US-4133566-\$ or US-3094197-\$ or US-5279033-\$ or US-4554718-\$ or US-2434731-\$ or US-5860265-\$ or US-6205740-\$ or US-6041564-\$ or US-5098011-\$ or US-4129974-\$ or US-RE21921-\$ or US-2185384-\$ or US-2122698-\$ or US-2092472-\$ or US-2098676-\$ or US-1623939-\$ or US-4240765-\$ or US-4185439-\$ or US-6435211-\$ or US-6412519-\$ or US-5688095-\$ or US-5695352-\$ or US-5526628-\$ or US-5454588-\$).did. or (US-5245811-\$ or US-5175975-\$ or US-5027968-\$ or US-5004192-\$ or US-RE33566-\$ or US-4982487-\$ or US-4852325-\$ or US-4483112-\$ or US-4452564-\$ or US-4223503-\$ or US-4193247-\$ or US-4097632-\$ or US-4089145-\$ or US-3355206-\$ or US-5979055-\$ or US-4630419-\$ or US-4434599-\$ or US-5442885-\$ or US-4807797-\$ or US-5881508-\$ or US-5487219-\$ or US-5507522-\$ or US-6299210-\$ or US-2050945-\$ or US-4779313-\$ or US-3916521-\$ or US-5238146-\$).did. or (US-4055271-\$ or US-2412528-\$ or US-4399840-\$ or US-4055133-\$ or US-4948006-\$ or US-4705184-\$ or US-4574607-\$ or US-4543025-\$ or US-4263860-\$ or US-3736893-\$ or US-3425381-\$ or US-3160312-\$ or US-2337452-\$ or US-2169395-\$).did.) and crimp\$3	USPAT	2003/06/28 18:11
-	1	imbicat\$4	USPAT	2003/06/28 20:31
-	0	HEL same steel same crimp\$3	USPAT;	2004/01/06
-	11	HEL same steel	US-PGPUB	11:38
-	3	("3998778" "4386188" "4722957").PN.	USPAT;	2004/01/06
-	1	("0165133").PN.	US-PGPUB	11:51
-	5268	steel same crimp\$3	USPAT	2004/01/06 11:41
-	29	steel same crimp\$3 and high near elastic	USPAT;	2004/01/06
-	102	steel same crimp\$3 and elastic adj limit	US-PGPUB	11:42
-	39	steel same crimp\$3 and elastic adj limit and sheet	USPAT;	2004/01/06
-	39	steel same crimp\$3 and elastic adj limit and sheet\$1	US-PGPUB	11:55
-	588	sheet\$1 same crimp\$3 same steel	USPAT;	2004/01/06
-	2372	sheet\$1 same crimp\$3 same steel (high adj (elastic adj limit yield adj (strength stress)))	US-PGPUB	12:03
-	1	sheet\$1 same crimp\$3 same steel same (high adj (elastic adj limit yield adj (strength stress)))	USPAT;	2004/01/06
-	4	sheet\$1 same crimp\$3 and steel same (high adj (elastic adj limit yield adj (strength stress)))	US-PGPUB	12:13
-	0	sheet\$1 same crimp\$3 and steel same((atleast at adj least) near (elastic adj limit yield adj (strength stress)))	USPAT;	2004/01/06
-	1200	crimp\$3 and ((elastic adj limit) (yield adj (strength stress)))	US-PGPUB	12:15
-	296	crimp\$3 and high same((elastic adj limit) (yield adj (strength stress)))	USPAT;	2004/01/06
-			US-PGPUB	12:16
-			USPAT;	2004/01/06
-			US-PGPUB	12:18
-			USPAT;	2004/01/06
-			US-PGPUB	12:42

-	82	stainless same steel same 17-7ph	USPAT; US-PGPUB	2004/01/06 12:43
-	44	stainless same steel same 17-7ph and (crimp\$3 bend\$3 fold\$3)	USPAT; US-PGPUB	2004/01/06 12:49
-	23	stainless same steel same 440A and (crimp\$3 bend\$3 fold\$3)	USPAT; US-PGPUB	2004/01/06 12:51
-	431	("4140" "4340")same steel and (crimp\$3 bend\$3 fold\$3)	USPAT; US-PGPUB	2004/01/06 12:51
-	150	("4140" "4340")same steel and (crimp\$3 fold\$3)	USPAT; US-PGPUB	2004/01/06 12:56
-	49	("4140" "4340")same steel and sheet\$1 and (crimp\$3 fold\$3)	USPAT; US-PGPUB	2004/01/06 12:56
-	71	(US-4133566-\$ or US-5279033-\$ or US-4554718-\$ or US-2434731-\$ or US-3094197-\$ or US-4356888-\$ or US-5487219-\$ or US-2054703-\$ or US-5979055-\$ or US-5860265-\$ or US-6205740-\$ or US-6041564-\$ or US-5098011-\$ or US-4129974-\$ or US-RE21921-\$ or US-2185384-\$ or US-2122698-\$ or US-2098676-\$ or US-2092472-\$ or US-1623939-\$ or US-5442885-\$ or US-4240765-\$ or US-4185439-\$ or US-6435211-\$ or US-6412519-\$ or US-5695352-\$).did. or (US-5688095-\$ or US-5526628-\$ or US-5454588-\$ or US-5245811-\$ or US-5175975-\$ or US-5027968-\$ or US-RE33566-\$ or US-5004192-\$ or US-4982487-\$ or US-4852325-\$ or US-4483112-\$ or US-4452564-\$ or US-4223503-\$ or US-4193247-\$ or US-4097632-\$ or US-4089145-\$ or US-3355206-\$ or US-4630419-\$ or US-4434599-\$ or US-4807797-\$ or US-5881508-\$ or US-5507522-\$ or US-6299210-\$ or US-2050945-\$ or US-4779313-\$ or US-3916521-\$ or US-5238146-\$).did. or (US-4055271-\$ or US-4055133-\$ or US-2412528-\$ or US-4399840-\$ or US-4948006-\$ or US-4705184-\$ or US-4574607-\$ or US-4543025-\$ or US-4263860-\$ or US-3736893-\$ or US-3160312-\$ or US-3425381-\$ or US-2337452-\$ or US-2169395-\$ or US-6475308-\$ or US-4833903-\$ or US-5982085-\$).did. or (US-20020053178-\$).did.	USPAT; US-PGPUB	2004/01/06 12:57
-	11	(US-3487518-\$ or US-3420032-\$ or US-2129625-\$ or US-2125692-\$ or US-2129624-\$ or US-2115441-\$ or US-2818272-\$ or US-1997876-\$ or US-0799320-\$ or US-3367533-\$ or US-3151767-\$).did.	USOCR	2004/01/06 12:57

-	2	((US-4133566-\$ or US-5279033-\$ or US-4554718-\$ or US-2434731-\$ or US-3094197-\$ or US-4356888-\$ or US-5487219-\$ or US-2054703-\$ or US-5979055-\$ or US-5860265-\$ or US-6205740-\$ or US-6041564-\$ or US-5098011-\$ or US-4129974-\$ or US-RE21921-\$ or US-2185384-\$ or US-2122698-\$ or US-2098676-\$ or US-2092472-\$ or US-1623939-\$ or US-5442885-\$ or US-4240765-\$ or US-4185439-\$ or US-6435211-\$ or US-6412519-\$ or US-5695352-\$).did. or (US-5688095-\$ or US-5526628-\$ or US-5454588-\$ or US-5245811-\$ or US-5175975-\$ or US-5027968-\$ or US-RE33566-\$ or US-5004192-\$ or US-4982487-\$ or US-4852325-\$ or US-4483112-\$ or US-4452564-\$ or US-4223503-\$ or US-4193247-\$ or US-4097632-\$ or US-4089145-\$ or US-3355206-\$ or US-4630419-\$ or US-4434599-\$ or US-4807797-\$ or US-5881508-\$ or US-5507522-\$ or US-6299210-\$ or US-2050945-\$ or US-4779313-\$ or US-3916521-\$ or US-5238146-\$).did. or (US-4055271-\$ or US-4055133-\$ or US-2412528-\$ or US-4399840-\$ or US-4948006-\$ or US-4705184-\$ or US-4574607-\$ or US-4543025-\$ or US-4263860-\$ or US-3736893-\$ or US-3160312-\$ or US-3425381-\$ or US-2337452-\$ or US-2169395-\$ or US-6475308-\$ or US-4833903-\$ or US-5982085-\$).did. or (US-20020053178-\$).did.) and (((("4140" or "4340" or "440A" or "17-7ph") same steel) or (("T3" or "T351" or "T6" or "T651") same ("2024" or "6061" or "7075") same aluminum))	USPAT; US-PGPUB	2004/01/06 13:11
-	241	(crimp\$3 fold\$3) and (joint connection) and (((("4140" or "4340" or "440A" or "17-7ph") same steel) or (("T3" or "T351" or "T6" or "T651") same ("2024" or "6061" or "7075") same aluminum))	USPAT; US-PGPUB	2004/01/06 13:42
-	438	(crimp\$3 fold\$3) and (((("4140" or "4340" or "440A" or "17-7ph") same steel) or (("T3" or "T351" or "T6" or "T651") same ("2024" or "6061" or "7075") same aluminum))	USPAT; US-PGPUB	2004/01/06 13:13
-	152	(crimp\$3 fold\$3) and sheet and (((("4140" or "4340" or "440A" or "17-7ph") same steel) or (("T3" or "T351" or "T6" or "T651") same ("2024" or "6061" or "7075") same aluminum))	USPAT; US-PGPUB	2004/01/06 13:14
-	164	(crimp\$3 fold\$3) and sheet\$1 and (((("4140" or "4340" or "440A" or "17-7ph") same steel) or (("T3" or "T351" or "T6" or "T651") same ("2024" or "6061" or "7075") same aluminum))	USPAT; US-PGPUB	2004/01/06 13:21
-	99	(crimp\$3) and (plate\$3 sheet\$1) and (((("4140" or "4340" or "440A" or "17-7ph") same steel) or (("T3" or "T351" or "T6" or "T651") same ("2024" or "6061" or "7075") same aluminum))	USPAT; US-PGPUB	2004/01/06 13:36
-	2	(crimp\$3 fold\$3) near (joint) and (plate\$3 sheet\$1) and (((("4140" or "4340" or "440A" or "17-7ph") same steel) or (("T3" or "T351" or "T6" or "T651") same ("2024" or "6061" or "7075") same aluminum))	USPAT; US-PGPUB	2004/01/06 15:23

-	3	catalytic adj converter and (((("4140" or "4340" or "440A" or "17-7ph") same steel) or (("T3" or "T351" or "T6" or "T651") same ("2024" or "6061" or "7075") same aluminum)))	USPAT; US-PGPUB	2004/01/06 13:41
-	1	catalytic adj converter and (("4140" or "4340" or "440A" or "17-7ph") same steel)	USPAT; US-PGPUB	2004/01/06 13:41
-	0	catalytic adj converter and yeild adj (strength stress)	USPAT; US-PGPUB	2004/01/06 13:42
-	361	(crimp\$3 fold\$3) and (joint connection) and (HEL)	USPAT; US-PGPUB	2004/01/06 13:43
-	155	(crimp\$3 fold\$3) and (joint connection) and (HEL)and steel	USPAT; US-PGPUB	2004/01/06 13:44
-	152	(crimp\$3 fold\$3) and (joint connection) and (HEL)and steel not protien	USPAT; US-PGPUB	2004/01/06 13:45
-	6	(crimp\$3 fold\$3) and (joint connection) and (HEL)and steel not protein\$1	USPAT; US-PGPUB	2004/01/06 13:45
-	8	(crimp\$3 fold\$3) and container\$1 and(plate\$3 sheet\$1) and (("4140" or "4340" or "440A" or "17-7ph") same steel)	USPAT; US-PGPUB	2004/01/06 15:57
-	4	crimp\$3 same steel same ("4140" "4340" "440A" "17-7ph")	USPAT; US-PGPUB	2004/01/09 13:31
-	7	("3185595" "3754997" "4374909" "4419420" "4452062" "4725512" "4931368").PN.	USPAT	2004/01/09 13:26
-	6	crimp\$3 same steel same (high near yield adj (stress strength))	USPAT; US-PGPUB	2004/01/09 13:52
-	11	crimp\$3 same steel same hem\$3	USPAT; US-PGPUB	2004/01/09 13:37
-	2	("3102831" "3257200").PN.	USPAT	2004/01/09 13:49
-	1	3561638.URPN.	USPAT	2004/01/09 13:49
-	63	crimp\$3 same steel same (drum\$1 keg\$1)	USPAT; US-PGPUB	2004/01/09 13:56
-	14	steel same (elastic near limit yield near (strength stress)) and crimp\$3 and (drum\$1 keg\$1)	USPAT; US-PGPUB	2004/01/09 14:00
-	94	steel same (elastic near limit yield near (strength stress)) and crimp\$3 and (seam\$1 joint\$1 hem\$1)	USPAT; US-PGPUB	2004/01/09 14:01
-	42	steel same (elastic near limit yield near (strength stress)) and crimp\$3 same (seam\$1 joint\$1 hem\$1)	USPAT; US-PGPUB	2004/01/09 15:04
-	1	("5383346").PN.	USPAT; US-PGPUB	2004/01/09 15:33
-	383	tempered same steel same sheet\$1	USPAT; US-PGPUB	2004/01/09 15:35
-	204	tempered same steel same sheet\$1 and (crimp\$3 bend\$3 fold\$3)	USPAT; US-PGPUB	2004/01/09 15:37
-	40	tempered same steel same sheet\$1 and ((elastic adj limit) (yield adj(stress strength)))	USPAT; US-PGPUB	2004/01/09 15:41
-	34	"1000 MPa" same steel and ((elastic adj limit) (yield adj(stress strength)))	USPAT; US-PGPUB	2004/01/09 18:49
-	120	"17-7ph"	USPAT; US-PGPUB	2004/01/09 16:13
-	19	"440a" and tempered	USPAT; US-PGPUB	2004/01/09 16:15
-	1001	stainless adj steel same tempered	USPAT; US-PGPUB	2004/01/09 16:15
-	226	stainless adj steel same tempered same (bent bend\$3 roll\$3 fold\$3)	USPAT; US-PGPUB	2004/01/09 16:16
-	2881	punch.ti.	USPAT; US-PGPUB	2004/01/09 18:49
-	365	punch.ti. and steel	USPAT; US-PGPUB	2004/01/09 18:50
-	27	punch.ti. and steel and (crimp\$3 fold\$3 hem seam)	USPAT; US-PGPUB	2004/01/09 18:52
-	194	punch.ti. and sheet adj metal	USPAT; US-PGPUB	2004/01/09 18:57

-	1	punch.ti. and sheet adj metal and crush\$3	USPAT; US-PGPUB	2004/01/09 18:58
-	28	hand adj punch.ti.	USPAT; US-PGPUB	2004/01/09 19:00
-	1	2069231.URPN.	USPAT	2004/01/09 18:59
-	3	pin adj punch.ti.	USPAT; US-PGPUB	2004/01/09 19:01
-	8	("1761207" "2285956" "2365425" "2484027" "2815692" "2869883" "3099876" "3349652").PN.	USPAT	2004/01/09 19:01
-	28	punch.ti. and indentation	USPAT; US-PGPUB	2004/01/09 19:02
-	2	punch.ti. and indentation\$1 .ti.	USPAT; US-PGPUB	2004/01/09 19:02
-	50	punch.ti. and indentation\$1	USPAT; US-PGPUB	2004/01/09 19:05
-	13	roll adj pin .ti.	USPAT; US-PGPUB	2004/01/09 19:06
-	28	punch .ti. and indentation	USPAT; US-PGPUB	2004/01/09 19:06
-	28	punch .ti. and indentation	USPAT; US-PGPUB	2004/01/09 19:08
-	81	punch and crush\$3 same (hem seam fold joint)	USPAT; US-PGPUB	2004/01/09 19:08
-	36	punch and crush\$3 with (hem seam fold joint)	USPAT; US-PGPUB	2004/01/09 19:09
-	0	roll adj pin and crush\$3 with (hem seam fold joint)	USPAT; US-PGPUB	2004/01/09 19:09
-	0	pin adj punch and crush\$3 with (hem seam fold joint)	USPAT; US-PGPUB	2004/01/09 19:10
-	206	pin adj punch	USPAT; US-PGPUB	2004/01/09 19:10
-	4	roll adj pin adj punch	USPAT; US-PGPUB	2004/01/09 19:10